

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 - 107 - 20684
County Number

S. 11 T. 22S R. 23E W
App. Loc. SE SW SW

Operator
Graybol-Patton Co.

Address
320 S. Boston Suite 642 Tulsa, Okla. 74103

Well No. # 1 Lease Name R. O. Waters

Footage Location
350 feet from (S) line 1120 feet from (W) line Sec. 11

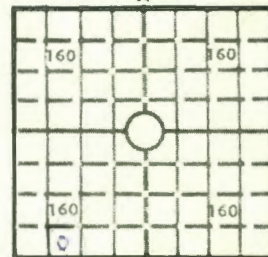
Principal Contractor L & W Drilling Co. Geologist

Spud Date 5-16-79 Date Completed 5-27-79 Total Depth 538 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

County Linn

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	8 3/4"	7	20	45	Common	5	
Production	5 5/8"	2 7/8	6.5	535	"	80	
Cemented to surface							

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1 11/16" Jet	456-71

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac with 2500 lbs. sand and gel water	456-71

INITIAL PRODUCTION

Date of first production 5-27-79 Producing method (flowing, pumping, gas lift, etc.) Flow

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 400 MCF	Water 0 bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) To be sold Producing interval (s) 456-71

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Well No. 1 Lease Name R. O. Waters Gas

S 11 T 22 R 23 E
W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Top soil and shale	0	20	Pawnee	94
Lime	20	36	Ft. Scott	168
Shale	36	94	Ardmore	356
Lime	94	112	Squirrel	236
Shale	112	164	Bartlesville	454
Lime	164	184	Mississippi	526
Shale	184	190		
Lime	190	198		
Shale	198	236		
Sand, show oil	236	246		
Shale	246	320		
Sandy shale	320	330		
Shale	330	356		
Lime	356	358		
Shale	358	454		
Sand, show oil	454	474		
Coal	474	476		
Sand	476	478		
Shale	478	510		
Coal	510	512		
Shale and chert	512	526		
Lime and chert	526	538		
T.D.	538			

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received _____

M.S. Patton, Jr.
M.S. Patton, Jr., Signature President

Title _____

June 19, 1979

Date _____